

**WHAT IS CLAIMED IS:**

1. A picture compression managing apparatus comprising:

a reduced picture producing section for producing, in response to an index affix request, a reduced input picture by reducing a current input picture of a succession of input pictures included in a picture file which is subjected to picture compression, said reduced picture producing section carrying out at least one of output of said reduced input picture to a display unit and storage of said reduced input picture into said recording medium; and

an index producing section for producing, in response to said index affix request, a marking position which is a position of said current input picture with respect to a leading position of said picture file, said index producing section carrying out storage of said marking position as a particular index into said recording medium.

2. A picture compression managing apparatus comprising:

a reduced picture producing section for producing, in response to an index affix request, a reduced input picture by reducing a current input picture of a succession of input pictures included in a picture file which is subjected to picture compression, said reduced picture producing section carrying out at least one of output of said reduced input picture to a display unit and storage of said reduced input picture into said recording medium;

an index producing section for producing, in response to said index affix request, a marking position which is a position of said current input picture with respect to a leading position of said picture file, said index producing section carrying out storage of said marking position as a particular index into said recording medium; and

a reference frame producing section for producing at least one of remaining pictures of a succession of said input pictures, said at least one of

remaining pictures being used as at least one reference frame in later compressing said current input picture into a compressed picture, said reference frame producing section carrying out storage of said at least one reference frame into said recording medium.

3. A picture compression managing apparatus as claimed in claim 2, further comprising:

an index acquiring section for acquiring, in response to a jump request to jump to said particular index on subjecting said picture file to picture decompression, said marking position from said recording medium; and

a reference frame acquiring section for acquiring, in response to said jump request, said at least one reference frame from said recording medium.

4. A picture decompression processor for decompressing a succession of input pictures included as a succession of compressed pictures in a picture file which is subjected to picture decompression, said picture decompression processor comprising:

a reduced picture producing section for producing, in response to an index affix request, a reduced input picture by reducing a current input picture of said succession of input pictures included in said picture file, said reduced picture producing section carrying out at least one of output of said reduced input picture to a display unit and storage of said reduced input picture into said recording medium;

an index producing section for producing, in response to said index affix request, a marking position which is a position of said current input picture with respect to a leading position of said picture file, said index producing section carrying out storage of said marking position as a particular index into said recording medium; and

a reference frame producing section for producing at least one of remaining pictures of a succession of said input pictures, said at least one of

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remaining pictures being used as at least one reference frame in later decompressing said current input picture into a decompressed picture, said reference frame producing section carrying out storage of said at least one reference frame into said recording medium.

5. A picture compression managing method comprising:

a reduced picture producing step of producing, in response to an index affix request, a reduced input picture by reducing a current input picture of a succession of input pictures included in a picture file which is subjected to picture compression, said reduced picture producing step carrying out at least one of output of said reduced input picture to a display unit and storage of said reduced input picture into said recording medium; and

an index producing step of producing, in response to said index affix request, a marking position which is a position of said current input picture with respect to a leading position of said picture file, said index producing step carrying out storage of said marking position as a particular index into said recording medium.

6. A picture compression managing method comprising:

a reduced picture producing step of producing, in response to an index affix request, a reduced input picture by reducing a current input picture of a succession of input pictures included in a picture file which is subjected to picture compression, said reduced picture producing step carrying out at least one of output of said reduced input picture to a display unit and storage of said reduced input picture into said recording medium;

an index producing step of producing, in response to said index affix request, a marking position which is a position of said current input picture with respect to a leading position of said picture file, said index producing step carrying out storage of said marking position as a particular index into said recording medium; and

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a reference frame producing step of producing at least one of remaining pictures of a succession of said input pictures, said at least one of remaining pictures being used as at least one reference frame in later compressing said current input picture into a compressed picture, said reference frame producing step carrying out storage of said at least one reference frame into said recording medium.

7. A picture compression managing method as claimed in claim 6, further comprising:

an index acquiring step of acquiring, in response to a jump request to jump to said particular index on subjecting said picture file to picture decompression, said marking position from said recording medium; and

a reference frame acquiring step of acquiring, in response to said jump request, said at least one reference frame from said recording medium.

8. A picture decompression processing method of decompressing a succession of input pictures included as a succession of compressed pictures in a picture file which is subjected to picture decompression, said picture decompression processing method comprising:

a reduced picture producing step for producing, in response to an index affix request, a reduced input picture by reducing a current input picture of said succession of input pictures included in said picture file, said reduced picture producing step carrying out at least one of output of said reduced input picture to a display unit and storage of said reduced input picture into said recording medium;

an index producing step of producing, in response to said index affix request, a marking position which is a position of said current input picture with respect to a leading position of said picture file, said index producing step carrying out storage of said marking position as a particular index into said recording medium; and

a reference frame producing step of producing at least one of remaining pictures of a succession of said input pictures, said at least one of remaining pictures being used as at least one reference frame in later decompressing said current input picture into a decompressed picture, said reference frame producing step carrying out storage of said at least one reference frame into said recording medium.